

What is claimed is:

1. An Internet phone interface card having a sound function, comprising:

5 a telephone signal detector detecting a state change signal transmitted from a general telephone in order to perform telephonic communication with a telephone connected to a LAN (Local Area Network) or the Internet;

10 a signal processing unit receiving a telephonic signal from the telephone connected to the LAN or Internet and transmitting a telephonic signal having a sound level adjustable to listening of a user to the general telephone;

a ring signal generator detecting a telephonic signal transmitted from the LAN or Internet, generating a ring signal and transmitting it to the general telephone; and

15 a microprocessor controlling the each circuit unit.

2. The Internet phone interface card of claim 1, wherein the state change signal is a signal corresponded to a DTMF signal generation state varied according to a hook on/off state of the general telephone or a dial press.

20 3. The Internet phone interface card of claim 1, wherein the signal processing unit includes:

an audio codec processing an audio signal transmitted/received to/from the telephone connected to the LAN or Internet according to the control of the microprocessor; and

25 an input/output interface unit connecting the audio codec to an

input/output means of a user.

4. The Internet phone interface card of claim 3, wherein the audio
codec automatically sets an optimum sound level in telephonic communication
5 with an Internet phone or in performing of a general sound function by memorizing
an audio level

5. The Internet phone interface card of claim 3, wherein the
input/output means of the user includes a speaker, a microphone, an audio set
10 and a joy stick.

6. The Internet phone interface card of claim 1, further comprising:
a ring signal detector detecting a ring signal received from a telephone
connected to a PSTN (Public Switched Telephone Network) and transmitting the
15 received ring signal to the microprocessor.

7. The Internet phone interface card of claim 6, further comprising:
a first switch switching off the connection between two telephones and
switching on again according to the control of the microprocessor when the ring
20 signal detector detects a call signal transmitted from the PSTN and transmits the
detected call signal to the microprocessor in telephonic communication between a
general telephone and a telephone connected to the LAN or Internet; and

a third switch switching on the connection between the two telephones
and switching off again.

8. The Internet phone interface card of claim 6, further comprising:

a second switch transmitting or suspending transmission of the ring signal from the ring signal generator to the general telephone according to the control of the microprocessor when the microprocessor detects a signal received from the telephone connected to the LAN or Internet and outputs the detected signal to the ring signal generator and the ring signal generator generates a ring signal in telephonic communication between the general telephone and the telephone connected to the PSTN.

9. The Internet phone interface card of claim 6, wherein the microprocessor further includes:

a frequency generator transmitting a holding tone to the present communicating telephone in order to connect the general telephone to another telephone transmitting a call signal.